

WHAT IS CLAIMED IS:

1. A system for mitigating noise associated with information communication, comprising:

5 means for determining when a first set of information is transmitted by a transmitter;

a receiver for receiving a second set of information in response to the first set of information; and

10 control means for temporarily suspending at least one process when the determining means determines that the first set of information is being transmitted and for continuing the at least one process after the second set of information has been received by the receiver,

wherein the at least one process produces noise that interferes with an integrity of the second set of information received by the receiver.

15 2. The system of claim 1, wherein the at least one process is associated with receiver noise, and

wherein the receiver receives the second set of information while the at least one process associated with receiver noise is temporarily suspended.

20 3. The system of claim 2, wherein the at least one process associated with receiver noise comprises a supply of power to the receiver.

4. The system of claim 3, comprising:
25 means for storing energy to power the receiver when the supply of power to the receiver is temporarily suspended.

5. The system of claim 1, wherein the transmitter transmits the first set of information.

30 6. The system of claim 1, wherein the at least one process is associated with transmitter noise,

wherein the control means temporarily suspends the at least one process associated with transmitter noise when the determining means determines that the first set of information is to be transmitted and continues the at least one process associated with transmitter noise after the first set of information has been transmitted
5 by the transmitter,

wherein the at least one process associated with transmitter noise produces noise that interferes with an integrity of the first set of information transmitted by the transmitter.

10 7. The system of claim 6, wherein the transmitter transmits the first set of information while the at least one process associated with transmitter noise is temporarily suspended.

8. The system of claim 6, wherein the at least one process associated with
15 transmitter noise comprises a supply of power to the transmitter.

9. The system of claim 8, comprising:
means for storing energy to power the transmitter when the supply of power to the transmitter is temporarily suspended.

20 10. The system of claim 1, wherein the receiver receives at least one of a plurality of subsets of information, wherein the plurality of subsets of information comprise the second set of information, and wherein the received plurality of subsets of information are combined to form the second set of information.

25 11. The system of claim 1, wherein the receiver receives the second set of information between peak intervals in noise of at least one other process, wherein the at least one other process has an absence of association with the receiver, and wherein peaks in the noise of the at least one other process occur at determined intervals.

30 12. The system of claim 1, comprising:
means for determining peak intervals in noise of at least one other process,

wherein the at least one other process has an absence of association with at least one of the transmitter and the receiver,

wherein peaks in the noise of the at least one other process occur at determined intervals, and

5 wherein the receiver receives the second set of information between the peak intervals in the noise of the at least one other process.

13. The system of claim 12, wherein the transmitter transmits the first set of information at a determined time such that the second set of information is received
10 by the receiver between the peak intervals in the noise of the at least one other process.

14. The system of claim 1, comprising:
 means for processing information associated with at least one of the
15 transmitter and the receiver.

15. The system of claim 14, wherein the processing means processes the second set of information after the second set of information has been received by the receiver.

20 16. The system of claim 14, comprising
 means for storing the information associated with at least one of the transmitter and the receiver.

25 17. The system of claim 16, wherein the information associated with at least one of the transmitter and the receiver is retrieved from the means for storing information while at least one process associated with at least one of transmitter noise and receiver noise is temporarily suspended.

30 18. A method of mitigating noise associated with information communication, comprising the steps of:
 determining when a first set of information is transmitted by a transmitter,

wherein a second set of information is received by a receiver in response to the first set of information;

temporarily suspending at least one process when it is determined that the first set of information is being transmitted,

5 wherein the at least one process produces noise that interferes with an integrity of the second set of information received by the receiver; and

continuing the at least one process after the second set of information has been received by the receiver.

10 19. The method of claim 18, wherein the at least one process is associated with receiver noise, and wherein the method comprises the step of:

receiving the second set of information by the receiver while the at least one process associated with receiver noise is temporarily suspended.

15 20. The method of claim 19, wherein the at least one process associated with receiver noise comprises a supply of power to the receiver.

21. The method of claim 20, comprising the step of:
storing energy to power the receiver when the supply of power to the receiver
20 is temporarily suspended.

22. The method of claim 18, comprising the step of:
transmitting the first set of information by the transmitter.

25 23. The method of claim 18, wherein the at least one process is associated with transmitter noise, and wherein the method comprises the steps of:

temporarily suspending the at least one process associated with transmitter noise when it is determined that the first set of information is to be transmitted,

wherein the at least one process associated with transmitter noise
30 produces noise that interferes with an integrity of the first set of information transmitted by the transmitter; and

continuing the at least one process associated with transmitter noise after the first set of information has been transmitted by the transmitter.

24. The method of claim 23, comprising the step of:
5 transmitting the first set of information by the transmitter while the at least one process associated with transmitter noise is temporarily suspended.

25. The method of claim 23, wherein the at least one process associated with transmitter noise comprises a supply of power to the transmitter.
10

26. The method of claim 25, comprising the step of:
storing energy to power the transmitter when the supply of power to the transmitter is temporarily suspended.

27. The method of claim 18, comprising the steps of:
receiving at least one of a plurality of subsets of information,
wherein the plurality of subsets of information comprise the second set of information; and
combining the received plurality of subsets of information to form the second
20 set of information.

28. The method of claim 18, comprising the step of:
receiving the second set of information by the receiver between peak intervals in noise of at least one other process,
25 wherein the at least one other process has an absence of association with at least one of the transmitter and the receiver, and
wherein peaks in the noise of the at least one other process occur at determined intervals.

29. The method of claim 18, comprising the step of:
determining peak intervals in noise of at least one other process,
30

wherein the at least one other process has an absence of association with the receiver,

wherein peaks in the noise of the at least one other process occur at determined intervals; and

5 receiving the second set of information by the receiver between the peak intervals in the noise of the at least one other process.

30. The method of claim 29, wherein the transmitter transmits the first set of information at a determined time such that the second set of information is received
10 by the receiver between the peak intervals in the noise of the at least one other process.

31. The method of claim 18, comprising the step of:
processing information associated with at least one of the transmitter and the
15 receiver.

32. The method of claim 31, comprising the step of:
processing the second set of information after the second set of information has been received by the receiver.

20 33. The method of claim 31, comprising the step of:
storing the information associated with at least one of the transmitter and the receiver.

25 34. The method of claim 33, comprising the step of:
retrieving from information storage the information associated with at least one of the transmitter and the receiver while at least one process associated with at least one of transmitter noise and receiver noise is temporarily suspended.

30 35. A system for mitigating noise associated with information communication, comprising:
means for determining when a set of information is communicated;

control means for temporarily suspending at least one process when the determining means determines that the set of information is being communicated, and for continuing the at least one process after the set of information has been communicated,

5 wherein the at least one process produces noise that interferes with an integrity of the set of information, and

 wherein the set of information is communicated while the at least one process is temporarily suspended.

10 36. The system of claim 35, wherein the set of information includes a first set of information for transmission by a transmitter,

 wherein the at least one process is associated with transmitter noise,

 wherein the control means temporarily suspends the at least one process associated with transmitter noise when the determining means determines that
15 the first set of information is to be transmitted and continues the at least one process associated with transmitter noise after the first set of information has been transmitted by the transmitter, and

 wherein the at least one process associated with transmitter noise produces noise that interferes with an integrity of the first set of information
20 transmitted by the transmitter.

 37. The system of claim 35, wherein the set of information includes a first set of information and a second set of information,

 wherein the second set of information is received by a receiver in
25 response to transmission of the first set of information,

 wherein the at least one process is associated with receiver noise,

 wherein the control means temporarily suspends the at least one process associated with receiver noise when the determining means determines that
30 the first set of information is being transmitted and continues the at least one process associated with receiver noise after the second set of information has been received by the receiver,

wherein the at least one process associated with receiver noise produces noise that interferes with an integrity of the second set of information received by the receiver.

- 5 38. A method for mitigating noise associated with information communication, comprising the steps of:
- determining when a set of information is communicated;
- temporarily suspending at least one process when it is determined that the set of information is being communicated,
- 10 wherein the at least one process produces noise that interferes with an integrity of the set of information;
- communicating the set of information while the at least one process is temporarily suspended; and
- continuing the at least one process after the set of information has been
- 15 communicated.

39. The method of claim 38, wherein the set of information includes a first set of information for transmission by a transmitter, wherein the at least one process is associated with transmitter noise, and wherein the method comprises the steps of:
- 20 temporarily suspending the at least one process associated with transmitter noise when it is determined that the first set of information is to be transmitted,
- wherein the at least one process associated with transmitter noise produces noise that interferes with an integrity of the first set of information transmitted by the transmitter; and
- 25 continuing the at least one process associated with transmitter noise after the first set of information has been transmitted by the transmitter.

40. The method of claim 38, wherein the set of information includes a first set of information and a second set of information, wherein the second set of
- 30 information is received by a receiver in response to transmission of the first set of information, wherein the at least one process is associated with receiver noise, and wherein the method comprises the steps of:

temporarily suspending the at least one process associated with receiver noise when it is determined that the first set of information is being transmitted,

wherein the at least one process associated with receiver noise produces noise that interferes with an integrity of the second set of information

5 received by the receiver; and

continuing the at least one process associated with receiver noise after the second set of information has been received by the receiver.

10